



P.B.5818 - Patentlaan 2  
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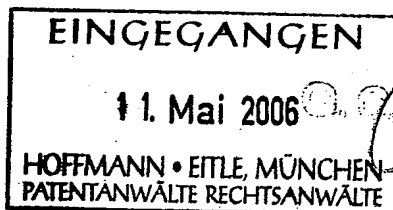
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Reference 107 086 a/np0	Application No./Patent No. 05002026.2 - 2415
Applicant/Proprietor FUJITSU LIMITED	

### COMMUNICATION

The European Patent Office herewith transmits the partial European search report under Rule 46(1) EPC relating to the above-mentioned European patent application.

Copies of the documents cited in the search report are enclosed.

The applicant's attention is drawn to the following:

The Search Division informs the applicant that if the European search report is also to cover inventions other than the invention first mentioned in the claims, a further search fee must be paid for each of these inventions, within **one month** after notification of this communication.

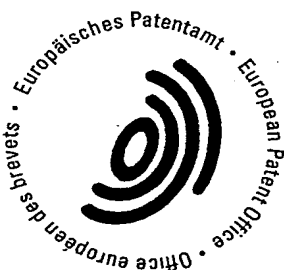
If the application has been filed up to 30 June 1999, the search fee in force before 01 July 1999 (EUR 869,-) or the equivalent applicable on the date of payment is payable.

**This applies also to the search fees requested under Rule 46(1) EPC.**  
See also OJ EPO 06/1999, 405.

- ☐ The abstract was modified by the Search Division and the definitive text is attached to the present communication.
- ☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

### Note to users of the automatic debiting procedure:

Unless the EPO receives prior instructions to the contrary, the search fee(s) will be debited on the last day of the period for payment. For further details see the Arrangements for the automatic debiting procedure, Supplement 2 to OJ EPO 01/2005.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 02/103939 A (KATSUYAMA, YUTAKA; J.S.T. MFG. CO., LTD; MORIYAMA, KEIKO) 27 December 2002 (2002-12-27)	1,2, 4-18, 22-28, 41,42	INV. H04J14/02
P,X	* abstract * -& EP 1 406 401 A (J.S.T. MFG. CO., LTD) 7 April 2004 (2004-04-07)  * abstract * * column 2, paragraph 8 - column 4, paragraph 15 * * column 6, paragraph 24 - column 7, paragraph 32 * * column 9, paragraph 45 - column 13, paragraph 75 * * column 14, paragraph 85 - column 15, paragraph 94 * * column 16, paragraph 102 - column 17, paragraph 107 * * figures 1-6 *  ----- -/--	1,2, 4-18, 22-28, 41,42	TECHNICAL FIELDS SEARCHED (IPC)  H04J
LACK OF UNITY OF INVENTION			
<p>The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:</p> <p>see sheet B</p> <p>The present partial European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.</p>			
Place of search Munich		Date of completion of the search 27 April 2006	Examiner Carballo da Costa, E
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	WO 02/100042 A (FUJITSU NETWORK COMMUNICATIONS, INC) 12 December 2002 (2002-12-12)  * abstract * * page 1, line 15 - page 2, line 13 * * page 3, line 1 - line 23 * * figure 2 *  -----	1,4,5, 11,12, 15,16, 23,41,42	
A	US 6 426 815 B1 (KOEHLER STEFFEN) 30 July 2002 (2002-07-30)  * column 1, line 51 - column 4, line 8 * * column 6, line 19 - column 7, line 39 * * figures 1,2,7,8 *  -----	1,2, 4-18, 22-28, 41,42	TECHNICAL FIELDS SEARCHED (IPC)



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1, 2, 4-18, 22-28, 41 and 42

An optical ring network with a plurality of local nodes configured to receive traffic at an assigned wavelength, disparate from wavelengths assigned to other local nodes and a data center node couple to the optical ring and operable to receive traffic from the plurality of local nodes, sort at least some of the traffic by destination, and transmit the traffic to a corresponding destination node at the assigned wavelength for that node, where at least some of the traffic comprises a request for data and the data center node is operable to retrieve the data.

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2. claims: 1, 3, 15, 19-20

An optical ring network with a plurality of local nodes configured to receive traffic at an assigned wavelength, disparate from wavelengths assigned to other local nodes and a data center node couple to the optical ring and operable to receive traffic from the plurality of local nodes, sort at least some of the traffic by destination, and transmit the traffic to a corresponding destination node at the assigned wavelength for that node, where the optical ring comprises bidirectional pathways.

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3. claim: Claims 29 to 40

An optical ring network with a plurality of local nodes configured to receive traffic at an assigned wavelength, disparate from wavelengths assigned to other local nodes, a primary and a back-up data center node operable to receive and store a copy of the stored data transmitted by the primary data center node in response to a back-up event.

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# ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 05 00 2026

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-04-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			EP 1005728 A1	07-06-2000
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